CLAIMS

1.   A method for obtaining one or more output images comprising:

examining one or more images in a database for one or more first compression patterns;

5   recording said first compression patterns;

obtaining a request for said one or more output images; and

obtaining said output images using said first compression patterns.

2.   The method of claim 1 wherein said obtaining a request comprises:

10   obtaining a text input;

locating one or more of said first compression patterns associated with said text input;

and

obtaining said output images associated with said first compression patterns.

15   3.   The method of claim 1 wherein said obtaining a request comprises:

obtaining an input image;

determining one or more second compression patterns in said input image;

comparing said second compression patterns to said first compression patterns; and

obtaining said output images wherein said second compression patterns are matched

20   with said first compression patterns.

4.   The method of claim 1 wherein said examining further comprises:

dividing said images into one or more blocks; and

obtaining said first compression patterns by examining said blocks.

5.   The method of claim 1 wherein said first compression patterns comprise one or more transform codes.

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6.   The method of claim 5 further comprising:

applying a latent variable modeling technique to obtain said transform codes.

7.   The method of claim 6 wherein said latent variable modeling is a Gaussian latent variable modeling.

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8.   The method of claim 1 wherein said obtaining said output images further comprises:

applying a Bayes decision rule.

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9.   The method of claim 1 wherein said recording further comprises:

placing said first compression patterns in a dictionary.

10.   An apparatus for obtaining one or more output images comprising:

one or more images in a database configured to be examined for one or more first

20   compression patterns;

a dictionary for recording said first compression patterns;

a request configured to be obtained for said one or more output images; and

said output images configured to be obtained using said first compression patterns.

11.   The apparatus of claim 10 wherein said request comprises:

a text input configured to be obtained,

wherein one or more of said first compression patterns associated with said text input

are configured to be located, and said output images associated with said first compression

5   patterns are configured to be obtained.

12.   The apparatus of claim 11 wherein said request comprises:

an input image configured to be obtained,

wherein one or more second compression patterns in said input image are configured to

10   be determined, and said second compression patterns are configured to be compared to said first

compression patterns, and said output images are configured to be obtained wherein said second

compression patterns are matched with said first compression patterns.

13.   The apparatus of claim 10 further comprising:

15   said images configured to be divided into one or more blocks; and

said first compression patterns configured to be obtained by examining said blocks.

14.   The apparatus of claim 10 wherein said first compression patterns comprise one

or more transform codes.

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15.   The apparatus of claim 14 further comprising:

a latent variable modeling technique configured to be applied to obtain said transform

codes.

16. The apparatus of claim 15 wherein said latent variable modeling is a Gaussian latent variable modeling.

17. The apparatus of claim 10 further comprising:

5   applying a Bayes decision rule.

18. A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to obtain one or more output images, said computer program product comprising:

computer readable code configured to cause a computer to examine one or more images in a database for one or more first compression patterns;

computer readable code configured to cause a computer to record said first compression

10   patterns;

computer readable code configured to cause a computer to obtain a request for said one or more output images; and

computer readable code configured to cause a computer to obtain said output images using said first compression patterns.

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19. The computer program product of claim 18 wherein said computer readable code configured to cause a computer to obtain a request comprises:

computer readable code configured to cause a computer to obtain a text input;

computer readable code configured to cause a computer to locate one or more of said

20   first compression patterns associated with said text input; and

computer readable code configured to cause a computer to obtain said output images associated with said first compression patterns.

20.   The computer program product of claim 19 wherein said computer readable

5   code configured to cause a computer to obtain a request comprises:

computer readable code configured to cause a computer to obtain an input image;

computer readable code configured to cause a computer to determine one or more second compression patterns in said input image;

computer readable code configured to cause a computer to compare said second

10   compression patterns to said first compression patterns; and

computer readable code configured to cause a computer to obtain said output images wherein said second compression patterns are matched with said first compression patterns.

21.   The computer program product of claim 18 wherein said computer readable

15   code configured to cause a computer to examine further comprises:

computer readable code configured to cause a computer to divide said images into one or more blocks; and

computer readable code configured to cause a computer to obtain said first compression patterns by examining said blocks.

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22.   The computer program product of claim 18 wherein said first compression patterns comprise one or more transform codes.

23.   The computer program product of claim 22 further comprising:

computer readable code configured to cause a computer to apply a latent variable modeling technique to obtain said transform codes.

24.   The computer program product of claim 23 wherein said latent variable

5   modeling is a Gaussian latent variable modeling.

25.   The computer program product of claim 18 wherein said computer readable code configured to cause a computer to obtain said output images further comprises:

computer readable code configured to cause a computer to apply a Bayes decision rule.

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26.   The computer program product of claim 18 wherein said computer readable code configured to cause a computer to record further comprises:

computer readable code configured to cause a computer to place said first compression patterns in a dictionary.